

What is claimed is:

1. A dynamo-electric machine's stator comprising:

a stator core having a plurality of slots which are arranged in a line along a circumferential direction of the stator core;

a plurality of electric conductors inserted into the slots of the stator core so as to be protruded from an end surface of the stator core in an axial direction of the stator core, portions of the electric conductors protruded from the end surface of the stator core being bent in the circumferential direction; and

an electric insulating member which is arranged between an inner wall of each slot of the stator core and a peripheral surface of the corresponding electric conductor so as to surround the electric conductor and has at least two duplicate layers, each duplicate layer being formed by duplicating the electric insulating member.

2. The dynamo-electric machine's stator according to claim 1, wherein each electric insulating member comprises a plurality of sheet members separated from one another at positions of the duplicate layers.

3. The dynamo-electric machine's stator according to claim 1, wherein each duplicate layer of each electric insulating member is formed by folding a sheet member.

4. The dynamo-electric machine's stator according to claim 1, wherein the electric conductor inserted into each slot of the stator core is formed in a rectangular shape

in section, and the two duplicate layers of the electric insulating member of the slot are placed at positions at which the peripheral surface of the electric conductor is equally divided into two.

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5. The dynamo-electric machine's stator according to claim 1, wherein the duplicate layers of each electric insulating member are placed at positions respectively facing an inner circumferential surface of the stator core and an outer circumferential surface of the stator core.

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6. The dynamo-electric machine's stator according to claim 1, wherein the electric conductors are connected to each other on both sides of the stator core in the axial direction to form a wiring.

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